in.place of I	Form F	PTO-1449		(1D)							
			DOCKET NO.:		SERIAL NO.:						
		INFORMATION (MCS-043-03		10/673,	117					
			al sheets if ne		Toyama		1 000115				
. •			FILING DATE: September 26, 2003		GROUP: 3676						
			U.	S. PATENT DOCUMENTS							
*Examiner Initial	Ref.	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)				
Million	 				 ,		(ii Obbit	opiiale)			
			FORE	IGN PATENT DOCUMENTS	· · · · · · · · · · · · · · · · · · ·	· ·		_			
		Document Number	Date	Country	Class	Subclass	Trans				
		·					Yes	No			
		OTHER DOCU	MENTS (In	cluding Author, Title, Date. Perti	nent Page	es, Etc.)					
1	A1 .	Dutton, G., Geodesic modeling of planetary relief, Laboratory for Computer Graphics and Spatial Analysis, Graduate School of Design, Harvard University, pp. 188-207.									
GC_	A2	Goodchild, M. F., Y. Shiren, A hierarchical spatial data structure for global geographic information systems, CVGIP: Graphical Models and Image Processing, Jan 1992, vol. 54, no. 1, pp. 31-44.									
		, crom. or apmount	Toucis una	mage 1 7 0 ccssing, sail 1772, voi. 54, 110	. 1, pp. 51-	***					
							• • • • • • • • • • • • • • • • • • • •				
<u> </u>						<u> </u>		· ·			
			•					· · · · · · · · · · · · · · · · · · ·			
	-		•	·	•	 	· · · · · · · · · · · · · · · · · · ·				
	•										
	·				. ·						
		•	·····	·	· · · · · · · · · · · · · · · · · · ·						
						nya ma					
						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
·	12		· · · · · · · · · · · · · · · · · · ·								
		·		•				·			
											
			·								
EXAMINER	: (DAOD		DATE CONSIDERED: 04/25/04			***************************************				
*EXAMINER	Initial i	if any reference consin	lered wheth	er or not the citation is in conformance w	ith MPEP 6	09: Draw line	e through o	eitation			
if not in confo	mance	e and not considered.	Include copy	of this form with next communication to	applicant.						

			DOCKET NO.:		SERIAL I											
KIPE	7		MCS-043		10/673,1	111										
7 0'	.C.I	INICODARATION	INVENTOR		_											
	To M	INFORMATION D	Toyama e		-											
OCT 2 5 201	- W	(Use severa	,uussai y j	FILING DA		GROUP:										
					September	r 26, 2003	3676									
U.S. PATENT DOCUMENTS																
*Examiner		Document	Date	Name	Class	Subclass	, –	Date								
	Ref.	Number	Salo				(If Appro	opriate)								
Initial	Al	5,822,751	10/13/98	Gray et al.			12/16/19									
FOREIGN PATENT DOCUMENTS																
•					Class	Subclass	Trans	slation								
		Document	Date _.	Country	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Juvudos	Yes	No								
		Number			1	 	1.33	1								
				<u> </u>				1								
OTHER DOCUMENTS (Including Author, Title, Date. Pertinent Pages, Etc.)																
	A2 Bahl, P. and V. N. Padmanabhan, RADAR: An in-building RF-based location and tracking system, IEEE															
	INFOCOM 2000, 2000, Tel-Aviv, Israel.															
	A 3	Bederson, B. B., Quantum treemaps and bubblemaps for a zoomable image browser, CHI Letters, 2001, vol. 3,														
·	A4	Cadiz, J. J., G. Venolia, G. Jancke, and A. Gupta, Designing and deploying an information awareness interface,														
	A5	Proc. CSCW, 2002, pp. 314-323. Christel, M. G., A. M. Olligschlaeger, and C. Huang, Interactive maps for a digital video library, IEEE														
		Multimedia, 2000, v	voi. /, no. 1,	pp. 60-67. ated photographs: A geotemporal web,	IEEE Perva	sive Comput	ing, 2003.	vol. 2.								
	A6	no 2 nn 72-76		•												
	A7	Dutton, G., Encoding	lft. Holland).	ling geospatial data with hierarchical tria, London: Taylor & Francis, pp. 505-51	8.											
	A8	.Duygulu, P., K. Bar	rnard, N. de	Freitas, and D. Forsyth, Object recognitional pulary. Proc. European Conf. on Comp.	tion as mach Vision, 2002	2, vol. IV, pp	p. 97-112.									
	A9	Gemmell, J., G. Bel	lexicon for a fixed image vocabulary, <i>Proc. European Conf. on Comp. Vision</i> , 2002, vol. IV, pp. 97-112. Gemmell, J., G. Bell, R. Lueder, S. Drucker, and C. Wong, MyLifeBits: Fulfilling the Memex vision, <i>Proc. ACM Multimedia</i> , 2002, pp. 235-238.													
	A10	Kimber, D., J. Foote	Kimber, D., J. Foote, and S. Lertsithichai, FlyAbout: Spatially indexed panoramic video, Proc. ACM Multimedia,													
	A11	Lieberman, H., and H. Liu, Adaptive linking between text and photos using common sense reasoning, <i>Proc. of the</i>														
 . 	A12	2 nd Int'l. Conf. on Adaptive Hypermedia and Adaptive Web-Based Systems, 2002, pp. 2-11. Mainichi Daily News, http://mdn.mainichi.co.jp/news/archive/200203/21/20020321p2a00m0fp003000c.html,														
	A13	March 21, 2002. MapPoint online maps, http://www.mappoint.com.														
	A14	North, C., and B. Shneiderman, A taxonomy of multiple window coordinates, University of Maryland, Dept. of														
	A 1 =			eport, #CS-TR-3854, 1997.		<u> </u>										
	A15	Red Hen Media Mapper, http://www.mediamapper.com .														
	A16	Rigaux, P., M. Scholl, A. Voisard, Spatial Databases with Application to GIS, Morgan Kaufmann, 2002.														
	A17	Rui, Y., T. S. Huang and S. F. Chang, Image retrieval: Current techniques, promising directions and open issue Journal of Visual Communication and Image Representation, vol. 10, pp. 39-62.														
	A18	Sahr, K., and D. W	hite, Discrete	te global grid systems, Proc. 13 th Symp.	Interface, C											
	A19	Smeulders, A. W. N.	/ December :	ring, and S. Santini, Content-based imag 2002, vol. 22, no. 12, pp. 1349-1380.												
	A20	Smith, T. R., A dig 54-60.	gital library fo	rary for geographically referenced materials, <i>IEEE Computer</i> , 1996, vol. 29, no. 5, pp.												
60	A21 USGS UTM fact sheet, http://macs.usgs.gov/mac/isb/pubs/factsheets/fs07701.html.															
	EXAMINER: DATE CONSIDERED: OF 125106															
*EXAMINE	*EXAMINER: Initial if any reference considered, whether or not the citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.															
it not in con	<u>ııorman</u> ı	ce and not considered	u. IIICIUOE CI	opy of und form with HEAL COMMITTIES HOALIO	if not in conformance and not considered. Include copy of this form with next communication to applicant.											

In place of Eorm PTO-1449 SERIAL NO.: **DOCKET NO.:** 10/673,111 MCS-043-03 INVENTOR: 12 5 29 NEORMATION DISCLOSURE CITATION Toyama et al. (Use several sheets if necessary) FILING DATE: GROUP: 3676 September.26, 2003 OTHER DOCUMENTS (Including Author, Title, Date. Pertinent Pages, Etc.) World Wide Media eXchange, http://wwmx.org. A22 **EXAMINER:** DATE CONSIDERED: *EXAMINER: Initial if any reference considered, whether or not the citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. In place of Form PTO-1449 SERIAL NO.: DOCKET NO.: 10/673,111 MCS-043-03 INVENTOR: 以FORMATION DISCLOSURE CITATION Toyama et al. (Use several sheets if necessary) GROUP: FILING DATE: September 26, 2003 3676 OTHER DOCUMENTS (Including Author, Title, Date. Pertinent Pages, Etc.) World Wide Media eXchange, http://wwmx.org. A22 **EXAMINER:** DATE CONSIDERED: *EXAMINER: Initial if any reference considered, whether or not the citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.